



Always the
Spirit of Innovation

EV Charging Station

ULVAC

Electric Vehicle Charging Station



UK-NC7S-SC01 / UK-NC7W-SC01

UK-FC22S-SC01

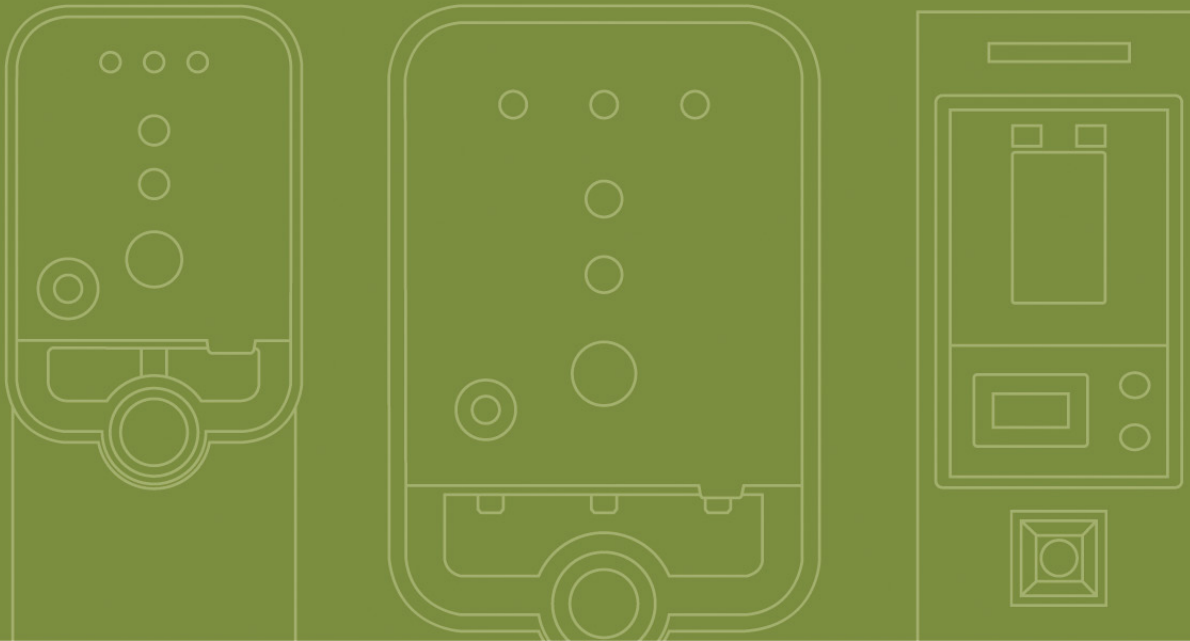
UK-QC43S

UK-NC01



GOOD DESIGN

Selected by the Ministry of Trade,
Industry and Energy of Korea



UK-NC7S-SC01 / UK-NC7W-SC01

The UK-NC7S(W) can be charging every EV which has rolling out.

The UK-NC7S(W) dedicated to private usage is installed in private parking place at home or apartment complex.

Features

- ▶ Mode3 with Type1 socket outlet
(Adapter charging cable type1 to type 2)
- ▶ User-friendly operation and design
- ▶ There are locking system to prevent disjunction of the cable by anyone
- ▶ RFID card reader for user identification
- ▶ Shut-off for fusion splice on connector
- ▶ Mounted floor-standing and wall
- ▶ Protection against short circuits, overloads and insulation faults
- ▶ There are Emergency Stop Switch to provide against any abnormal situations
- ▶ Function for reservation charging

Specifications

- ▶ Operation Display : Capacitive Touch Button
- ▶ Standard : IEC 61851
- ▶ Certifications : KC(June,2015), Z.E.Ready(July,2015)
- ▶ Input Power : Single Phase/Two Wire, AC220V, 60Hz
- ▶ Output Power : Single Phase/Two Wire, AC220V, 60Hz, 7kW
- ▶ Ingress Protection : IP 44
- ▶ Charging Time : Around 4~5 hours, EV battery capacity 22kWh
- ▶ Safety : Overvoltage protection device
Overcurrent protection device
Dual MC power line switch device
Surge protection device
Cable connector safety device
- ▶ User Authorization : RF Card
- ▶ Size : Stand – W312 X D303 X H1550 *without cable holder
Wall mount – W312 X D175 X H511 *without bracket
- ▶ Operating Temperature : -25°C~50°C
- ▶ Installation Type : Floor-Stand or Wall Mount Type



▶ UK-NC7S-SC01



▶ UK-NC7W-SC01



Locking system for Charging Connector

UK-NC7S-SC01
UK-NC7S-SC01

UK-FC22S-SC01

UK-QC43S

UK-NC01

UK-FC22S-SC01

AC22kW charger can not only charge three times faster than AC7kW charger, but install lower cost than AC43kW charger as well.

The UK-FC22S/W is designed user-friendly and compactly.

The UK-FC22S/W offers commercial opportunities for EV taxi, rent car and car sharing business owners.



▶ UK-FC22S-SC01

Features

- ▶ Complies with IEC61851-1 and IEC61851-22
- ▶ Mode3 with Type2 attached cable
- ▶ User-friendly operation and design
- ▶ 80% of capacity charged in an hour, for a 22kWh battery
- ▶ RFID card reader for user identification
- ▶ Shut-off for fusion splice on connector
- ▶ Mounted floor-standing and wall
- ▶ Function for reservation charging

Specifications

- ▶ Operation Display : Capacitive Touch Button
- ▶ Standard : IEC 61851
- ▶ Certifications : KC(June,2015), Z.E.Ready(July,2015)
- ▶ Input Power : Three Phase/Four Wire, AC380V, 60Hz
- ▶ Output Power : Three Phase/Four Wire, AC380V, 60Hz, 22kW
- ▶ Ingress Protection : IP 44
- ▶ Charging Time : Around 1~1.5 hour, EV battery capacity 22kWh
- ▶ Safety : Overvoltage protection device
Overcurrent protection device
Dual MC power line switch device
Surge protection device
- ▶ User Authorization : RF Card
- ▶ Size : Stand – W312 X D303 X H1550 *without cable holder
Wall mount – W312 X D303 X H511 *without bracket
- ▶ Operating Temperature : -25°C~50°C
- ▶ Installation Type : Floor-Stand Type



UK-NC7S-SC01
UK-NC7S-SC01

UK-FC22S-SC01

UK-QC43S

UK-NC01

UK-QC43S

The UK-QC43S is designed for facilities such as service station on high-way, companies and parking areas for business vehicle(rent car, car sharing, fleets, etc.)

Features

- ▶ Complies with IEC61851-1 and IEC61851-22
- ▶ Mode3 with Type2 attached cable
- ▶ Optimally designed to be installed at small space
- ▶ RFID card reader for user identification
- ▶ Shut-off for fusion splice on connector
- ▶ Protection against short circuits, overloads and insulation faults
- ▶ There are Emergency Stop Switch to provide against any abnormal situations
- ▶ Function for reservation charging

Specifications

- ▶ Operation Display : Capacitive Touch Button
- ▶ Standard : IEC 61851
- ▶ Certifications : KC(June,2015), Z.E.Ready(July,2015)
- ▶ Input Power : Three Phase/Four Wire, AC380V, 60Hz
- ▶ Output Power : Three Phase/Four Wire, AC380V, 60Hz, 43kW
- ▶ Ingress Protection : IP 44
- ▶ Charging Time : Around 0.5~1 hour, EV battery capacity 22kWh
- ▶ Safety : Overvoltage protection device
Overcurrent protection device
Dual MC power line switch device
Surge protection device
- ▶ User Authorization : RF Card
- ▶ Size : Stand – W312 X D303 X H1550 *without cable holder
- ▶ Operating Temperature : -25℃~50℃
- ▶ Installation Type : Floor-Stand Type



UK-NC01

The UK-NC01 can be charging every EV which has been rolled out.

The UK-NC01 dedicated to public service is installed for fleets of municipal, government departments and parking lot, etc..

Features

- ▶ Complies with IEC61851-1 and IEC61851-22
- ▶ 7" in daylight readable touch screen for user interface
- ▶ Optimally designed to be installed at small space
- ▶ RFID card reader or pin code access for user identification
- ▶ Shut-off for fusion splice on connector
- ▶ Protection against short circuits, overloads and insulation faults
- ▶ There are Emergency Stop Switch to provide against any abnormal situations
- ▶ There are locking system to prevent disjunction of the cable by anyone

Specifications

- ▶ Operation Display : 7" Resistive Touch Screen
- ▶ Standard : IEC 61851
- ▶ Certifications : KC(May,2014), Z.E.Ready(July,2015)
- ▶ Input Power : Single Phase/Two Wire, AC220V, 60Hz
- ▶ Output Power : Single Phase/Two Wire, AC220V, 60Hz, 7kW
- ▶ Ingress Protection : IP 44
- ▶ Charging Time : Around 4~5 hours, EV battery capacity 22kWh
- ▶ Safety : Overvoltage protection device
Overcurrent protection device
Dual MC power line switch device
Surge protection device
- ▶ User Authorization : RF Card or Pin Code
- ▶ Size : W300 X D300 X H11650
- ▶ Operating Temperature : -25°C~50°C
- ▶ Installation Type : Floor-Stand Type



Device Layout

- 1 7"LCD Touch screen
- 2 Start Button & Indicator Light
- 3 Stop Button & Indicator Light
- 4 Card Reader ; User Authorization
- 5 Emergency Stop Button
- 6 Charging Connector Locker

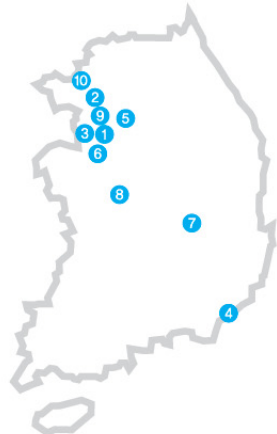


ULVAC

Always the spirit of Innovation



Electric Vehicle Charging Station



ULVAC
ULVAC KOREA, Ltd.

www.ulvackorea.co.kr

Always the spirit of Innovation



- 1 Haed Office / tel. +82-31-683-2921 fax. +82-31-683-9033
5, Hansan-gil, Cheongbuk-myeon, Pyeongtaek-si, Gyeonggi-do, Korea
- 2 Seoul Office / tel. +82-2-3473-2920 fax. +82-2-3473-0885
5F, 315, Gangnam-daero, Seocho-gu, Seoul, Korea
- 3 Hyeongok Office / tel. +82-31-617-9500 fax. +82-31-617-9512
123, Hyeongoksandan-ro, Cheongbuk-myeon, Pyeongtaek-si, Gyeonggi-do, Korea
- 4 Busan Office / tel. +82-51-317-2920 fax. +82-51-317-2925
8F, 225, Saebyeok-ro, Sasang-gu, Busan, Korea
- 5 Icheon Office / tel. +82-31-631-2973 fax. +82-31-631-2975
4F, 2058, Gyeongchung-daero, Bubal-eup, Icheon-si, Gyeonggi-do, Korea
- 6 Tangjeong Office / tel. +82-41-532-2921 fax. +82-41-532-2924
4F, 791, Eumbong-ro, Eumbong-myeon, Asan-si, Chungcheongnam-do, Korea
- 7 Gumi Office / tel. +82-54-471-3567 fax. +82-54-471-3569
4F, 302-7, 3gongdan 1-ro, Gumi-si, Gyeongsangbuk-do, Korea
- 8 Daejeon Office / tel. +82-42-936-2920 fax. +82-42-936-2922
#408, 54, Techno jungang-ro, Yuseong-gu, Daejeon, Korea
- 9 Hwaseong Office / tel. +82-31-206-2921 fax. +82-31-206-3921
1369, Hyohaeng-ro, Hwaseong-si, Gyeonggi-do, Korea
- 10 Paju Office / tel. +82-312-8071-2920 fax. +82-31-8071-0626
6, LCD-ro, Wollong-myeon, Paju-si, Gyeonggi-do, Korea